ABSTRACT OF THE DISCLOSURE (mark up)

Each task #1, #2 registers signal handlers belonging thereto in a signal-handler table [[112]] through a handler registering section [[111]] in an OS [[100]], and registers itself and the priority thereof in a task/handler priority table [[101]] through a task registering section. When a signal is generated, a signal notifying section [[131]] specifies a signal handler corresponding to the signal and the priority thereof by referring to the signal-handler table [[112]], and a task/handler selecting section [[141]] selects a task or signal handler having a highest priority in the task/handler priority table [[101]]. A task executing section [[150]] executes the selected task and a signal-handler executing section [[151]] executes the selected signal handler.